

### IN THE CLAIMS

Claim 1 (original): Flange (1) for pipes for the transport of petrochemical fluids, gases and liquefied gases, characterised in that it has a bearing surface (11) for clamping jaw (3), which has a peripheral portion (2) bevelled in the direction of support of the jaw (3).

Claim 2 (cancelled):

Claim 3 (currently amended): Flange according to ~~claim 2~~ claim 1, characterised in that the inequality  $(R_v * a) + (R_o * b) > (F_{ao} * b) - (F_{av} * a)$  is always verified, where:

$R_v$  = vertical component of the applied force R;

$a$  = arm of the vertical components of the forces;

$R_o$  = horizontal component of the applied force R;

$b$  = arm of the horizontal components of the forces;

$F_{ao}$  = horizontal component of the friction force  $F_a$ ;

$F_{av}$  = vertical component of the friction force  $F_a$ .